

Observer1 Console

(don't be afraid of the phalanx of screens)

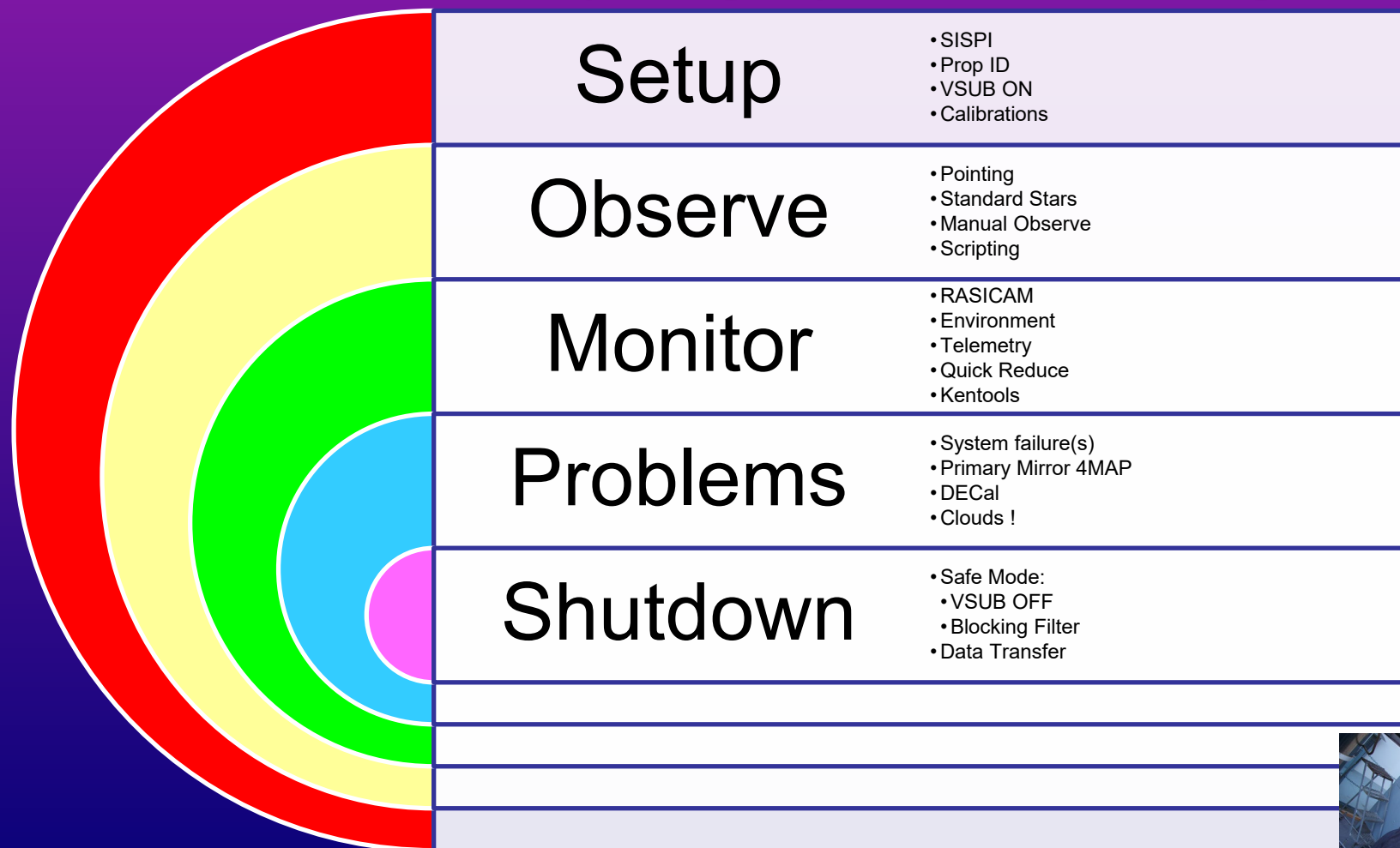
The DECam Support Team



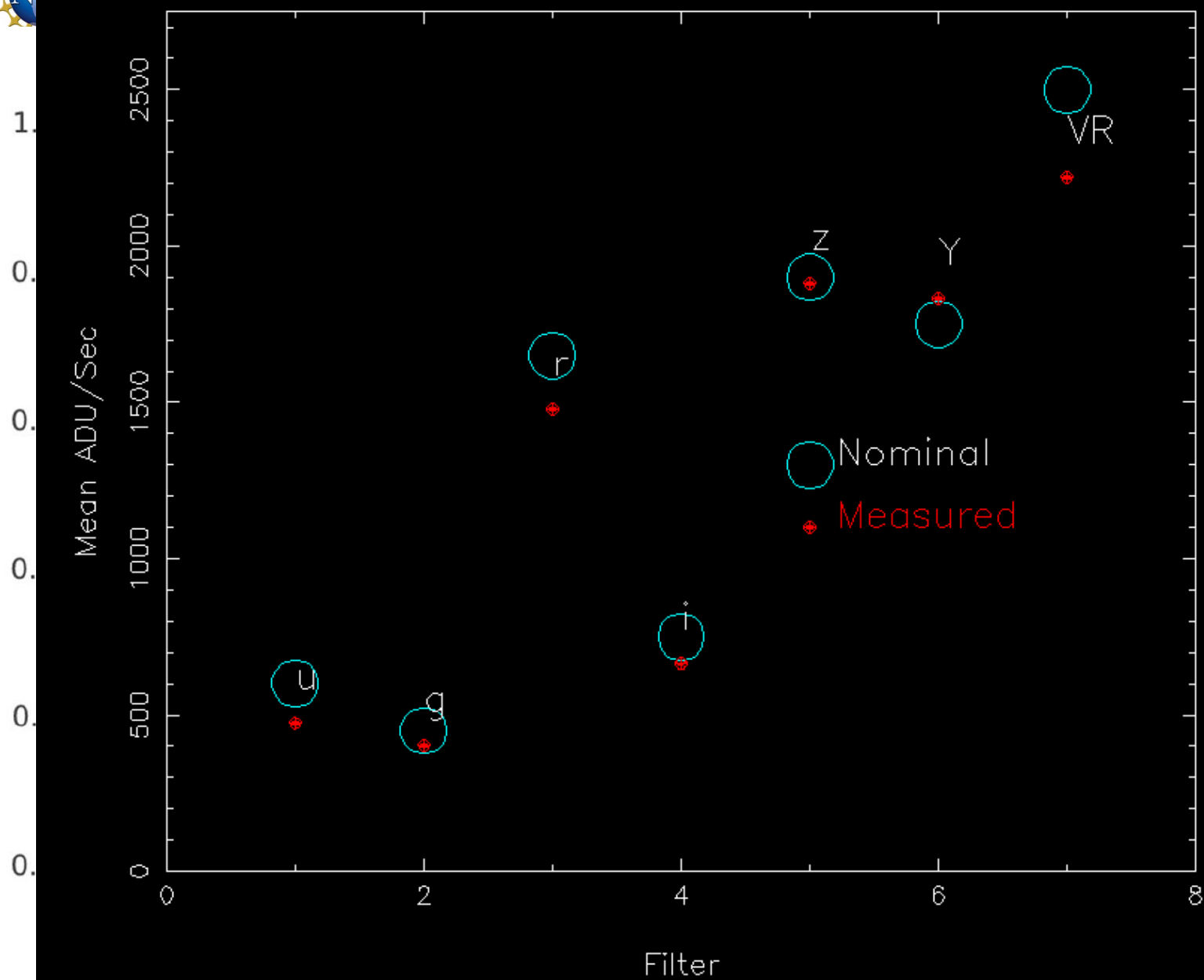
Observing with DECam



Survey Image System Process Integration



Flatfield check for 20141120, reference data 20140315



Controlling DECam: SISPI



Setup

- SISPI
- Prop ID
- VSUB ON
- Calibrations

Observe

- Pointing
- Standard Stars
- Manual Observe
- Scripting

Current Exposure 0 41.1 100
 417527 Pause Stop Abort

Collapse

The screenshot displays the Hexapod control interface with the following status information:

- Blanco TCS:** READY
- Filters:** READY
- RA:** 10:43:17.000
- DEC:** -37:38:30.397
- Link:** (Green dot)
- Control:** (Green dot)
- Track:** (Green dot)
- Position:** (Green dot)
- BCAM:** OFFLINE
- GCS:** RUNNING
- Hexapod:** READY
- PANG:** IDLE
- Component Status Table:**

Component	Status
PANA	IDLE
DHSA	READY
PANB	IDLE
DHSB	READY
PANC	IDLE
DHSC	READY
PAND	IDLE
DHSD	READY
PANF	IDLE
DHSF	READY
IB1	WAITING
IB2	WAITING
IB3	WRITING
IB4	WAITING
IB5	WAITING
- DTS:** (Data Transfer System)

BCAM
OFFLINE

Hexapod
READY

Observing History

From: 2015-03-03 To: 2015-03-03 Submit

Download data

1 night(s) found.



ge

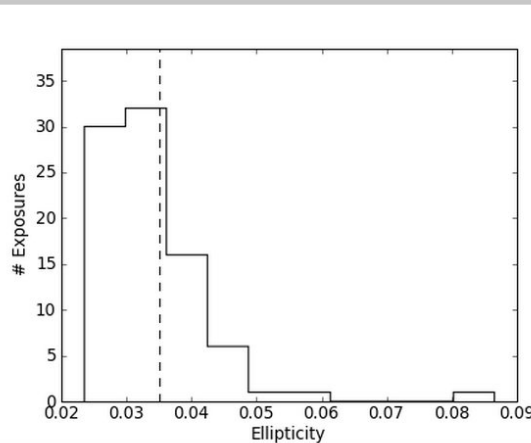
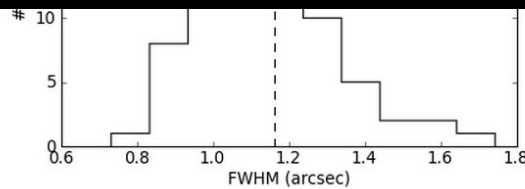
Session: dli Alarms Logout

PSF Sky Background Number Counts Footprint Statistics

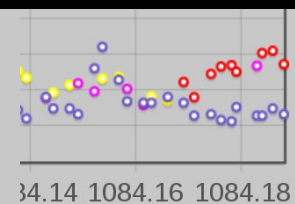
Statistics
Type Filter Raw Exposures Reduced Exposures

pgtcl> qcInv

#expid	ra	dec	ut	fil	time	secz	psf	sky	cloud	teff	Object
417418	50.0	0.0	23:59	g	15	1.49					SDSSJ0320-0000
417419	50.0	0.0	23:59	i	15	1.49	1.57	4.24	-0.05	0.01	SDSSJ0320-0000
417420	50.0	0.0	00:00	r	15	1.50	1.56	4.85	0.17	0.00	SDSSJ0320-0000
417421	50.0	0.0	00:01	z	15	1.50	1.35	2.48	0.34	0.03	SDSSJ0320-0000
417422	97.5	-58.8	00:04	g	15	1.14	1.25	4.22	0.21	0.01	MaxVis
417423	97.5	-58.8	00:04	r	15	1.14	1.13	3.33	0.17	0.03	MaxVis
417424	97.5	-58.8	00:05	i	15	1.14	1.07	2.44	-0.15	0.07	MaxVis
417425	97.5	-58.8	00:06	z	15	1.14	0.96	1.09	0.11	0.30	MaxVis



Stat	Ellipticity Complete	Clipped
Mean	0.04	0.04
Median	0.04	0.04
RMS	0.01	0.01

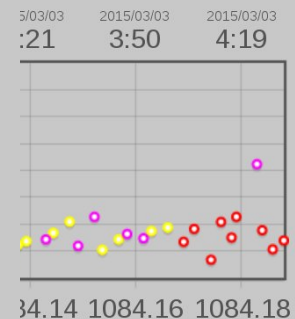


☒ Y

Data:

☒ IH

☒ DIMM



Filters:

☒ All

☒ u

☒ g

☒ r

☒ i

☒ z

☒ Y

Background (ADU/s)

Stat Complete Clipped

Observing with DECam



Setup

- SISPI
- Prop ID
- VSUB ON
- Calibrations

Observe

- Pointing
- Standard Stars
- Manual Observe
- Scripting

Monitor

- RASICAM
- Environment
- Telemetry
- Quick Reduce
- Kentools

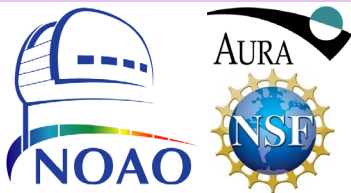
Problems

- System failure(s)
- Primary Mirror 4MAP
- DECal
- Clouds !

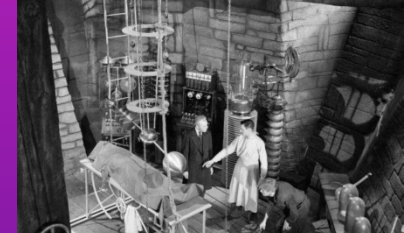


1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

[illegible][illegible]



Observing with DECcam



Observer Console

DECcam: Ready

Session: dji

Alarms



Logout



System Status

Monitor: LEDs: OFF Setup:
Interlock: Vsub: OCS: (READY)

Current Constants: DECAM:CURRENT

System Control

Exposure Control

Dither Control

Runtime Control

Chat Control

Observers: A.Zenteno
Proposal ID: 2015A-0631
Program: DD: Confirmation of photon
Investigator: Zenteno

Edit

DECcam Constants

DECAM:CURRENT

Configure

Reset

Turn
Vsub
Off



Exposure Queue

28:52

Exposure Loop:

Stop

Clear

AutoObs:

Step 1

Current Exposure

0

0.0

100

Pause

Stop

Abort

Exposure History

Exposed Digitized Transferred Built Delivered

417525	object						Time: 100.000, Filter: z, TelRA: 160.8139, TelDec: -37.8887, PropID: 2015A-0631
417524	object						Time: 110.000, Filter: i, TelRA: 160.8140, TelDec: -37.8888, PropID: 2015A-0631 File: pipeline1.ctio.noao.edu/data_local/images/DTS/2015A-0631/DECcam_00417524.fits.fz
417523	object						Time: 100.000, Filter: z, TelRA: 161.0569, TelDec: -37.6827, PropID: 2015A-0631 File: pipeline4.ctio.noao.edu/data_local/images/DTS/2015A-0631/DECcam_00417523.fits.fz
417522	object						Time: 110.000, Filter: i, TelRA: 161.0569, TelDec: -37.6828, PropID: 2015A-0631 File: pipeline5.ctio.noao.edu/data_local/images/DTS/2015A-0631/DECcam_00417522.fits.fz
417521	object						Time: 100.000, Filter: z, TelRA: 160.6499, TelDec: -37.6257, PropID: 2015A-0631 File: pipeline3.ctio.noao.edu/data_local/images/DTS/2015A-0631/DECcam_00417521.fits.fz
417520	object						Time: 110.000, Filter: i, TelRA: 160.6499, TelDec: -37.6258, PropID: 2015A-0631 File: pipeline2.ctio.noao.edu/data_local/images/DTS/2015A-0631/DECcam_00417520.fits.fz
0511,	Focus: [-,-,-,-,-], Object: cand169-13, Seq.						File: pipeline2.ctio.noao.edu/data_local/images/DTS/2015A-0631/DECcam_00417520.fits.fz
D: 2015A-0631, Program: DD: Confirmation of							Time: 100.000, Filter: z, TelRA: 160.9448, TelDec: -38.0658, PropID: 2015A-0631 File: pipeline1.ctio.noao.edu/data_local/images/DTS/2015A-0631/DECcam_00417519.fits.fz
er: Zenteno							

Collapse

Blanco TCS
READY

RA: 10:43:15.337

DEC: -37:53:19.396

Link:
Control:
Track:
Position:

Filters
READY

z

GCS
RUNNING

PANG
READING

BCAM
OFFLINE

Hexapod
READY

FCS
READY

PANA
IDLE

DHSA
READY

PANB
IDLE

DHSB
READY

PANC
IDLE

DHSC
READY

PAND
IDLE

DHSD
READY

PANF
IDLE

DHSF
READY

IB1
WAITING

IB2
WAITING

IB3
WAITING

IB4
WAITING

IB5
WAITING

DTS

SISPI at 22:48: Starting exposure 417525. (thread: 1)